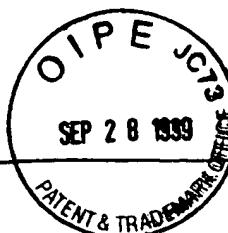


CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Applicant: James G. Nadeau et al.

Application No.: 09/082,247 Filed: May 20, 1998

For: Detection of Nucleic Acid Amplification



Becton Dickinson and Company, a New Jersey corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 6985, Frame 685, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date : SEPT 28 1998

Name : David W. Hight, Esq.

Title : Senior Intellectual Property Counsel

Signature: David W. Hight

P-282 R

08 229281

ASSIGNMENT

Serial No.
Filed:

WHEREAS, James G. Nadeau, residing at 710 Coker Lane, Chapel Hill, North Carolina, and George Terrance Walker, residing at 209 Mt. Bolus Road, Chapel Hill, North Carolina

(hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

DETECTION OF NUCLEIC ACID AMPLIFICATION

for which they have on the day of , 1994, executed an application for Letters Patent of the United States of America; and

WHEREAS, Becton Dickinson and Company, a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring the entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto said Assignee the entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 13 day of April , 1994

James G. Nadeau
James G. Nadeau

(L.S.)

George Terrance Walker
George Terrance Walker

(L.S.)

(L.S.)

(L.S.)

RECEIVED
U.S. PATENT AND
TRADEMARK OFFICE

STATE *North Carolina*
COUNTY OF *Durham*



BE IT REMEMBERED, That on this 13 day of April 1994, before me, a Notary public, personally appeared James G. Nadeau and George Terrance Walker who I am satisfied is (are) the person(s) named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

Synda M. Tingen
Notary Public
My commission expires 3-29-97
11005 586 96

RECORDED
U.S. PATENT & TRADEMARK OFFICE
APR 18 94